

IAP7 Rec'd PCT/PTO 28 DEC 2005

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 411000-144 |
| | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/562869 |
| INTERNATIONAL APPLICATION NO. PCT/DE2004/001376 | INTERNATIONAL FILING DATE June 30, 2004 | PRIORITY DATE CLAIMED July 3, 2003 |
| TITLE OF INVENTION LOGIC GATE WITH A POTENTIAL-FREE GATE ELECTRODE FOR ORGANIC INTEGRATED CIRCUITS | | |
| APPLICANT(S) FOR DO/EO/US Wolfram GLAUERT, Walter FIX, Andreas ULLMANN | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached herewith (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). UNEXECUTED 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern other document(s) or information included: | | |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application data sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 15(d)(4). | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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|---|--------------|---|------------|--|--------------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/562869 | | INTERNATIONAL APPLICATION NO. PCT/DE2004/001376 | | ATTORNEY'S DOCKET NUMBER 411000-144 | |
| 20. <input checked="" type="checkbox"/> Other items or information: PCT Request; International Search Report; PCT Demand; Written Opinion; Replies to the International Search Report/Written Opinion (2); | | | | | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300.00 | | | | \$ 300 | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPE/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 | | | | \$ 200 | |
| All other situations \$200.00 | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPE/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00 International Search Report prepared ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400.00 All other situations \$500.00 | | | | \$ 400 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 900 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 12-100 = | 0/50 = | | x \$250.00 | \$ 0 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total Claims | 8 - 20 = | 0 | X \$50.00 | \$ 0 | |
| Independent Claims | 1 - 3 = | 0 | X \$200.00 | \$ 0 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2 | | | | \$ | |
| SUBTOTAL = | | | | \$ 900 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$ | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$ 900 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |

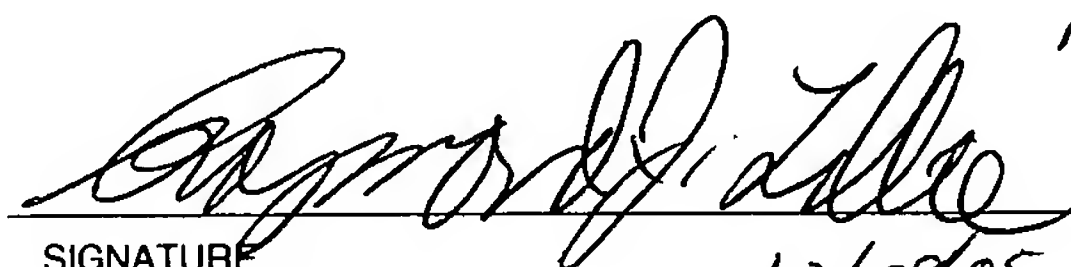
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- a. ☒ A check in the amount of **\$900** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Deposit Account No. **03-0678**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit Card**
information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Raymond J. Lillie
Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein
5 Becker Farm
Roseland, New Jersey 07068



SIGNATURE

Raymond J. Lillie

12/28/05

NAME

31,778

REGISTRATION NUMBER

#277439

12-29-05

10/562869

IAP7 Rec'd PCT/PTO 28 DEC 2005



Attorney Docket No. 411000-144

Customer No. 27162

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Patent Examining Operations**

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Application Transmittal Letter

Dear Sir:

Transmitted herewith for filing is the patent application of: Wolfram GLAUERT,
Walter FIX, and Andreas ULLMANN

entitled:

**LOGIC GATE WITH A POTENTIAL-FREE GATE ELECTRODE FOR ORGANIC
INTEGRATED CIRCUITS**

Enclosed with the application are:

1. Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;
2. Copy of Published International Application No. WO 2005/006443;
3. Certified copy of translation of application PCT/DE2004/001376;
4. Certified copy of translation of amended claim 1;
5. Unexecuted Declaration and Power of Attorney of the inventors;
6. Preliminary Amendment;
7. Information Disclosure Statement with Form 1449;
8. Our check no. 12070 in the amount of \$ 900.00;
9. Self-addressed, postage paid, return receipt postcard;
10. Priority is claimed on German application no. de 103 30 064.3 filed July 3, 2003, and PCT/DE2004/001376 filed June 30, 2004.

The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. 03-0678.